Hogan & Hartson 81872.0049 Mitsutaka SHIMADA et al. Surface Acoustic Wave Device... EV 325 216 995 US 16 Drawing Sheets; Sheet 1 of 16

FIG. 1

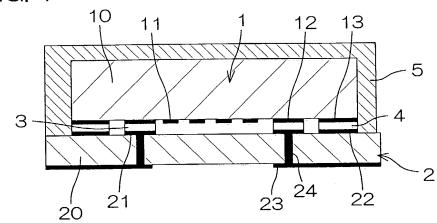


FIG. 2

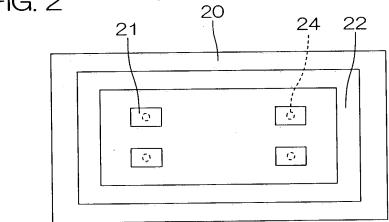
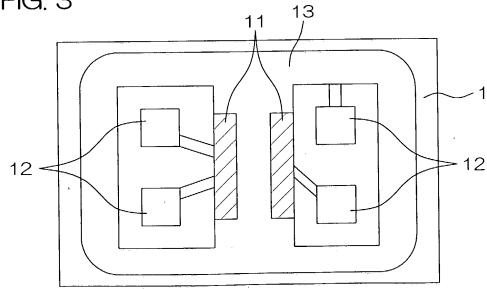
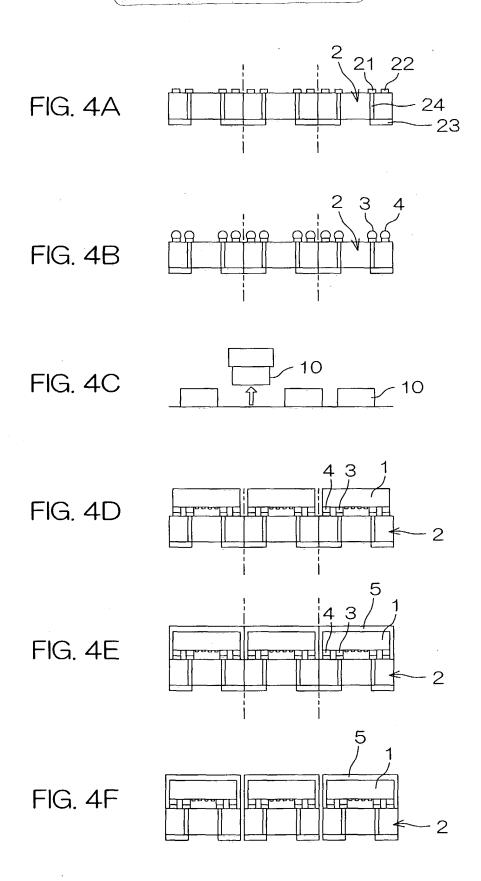


FIG. 3



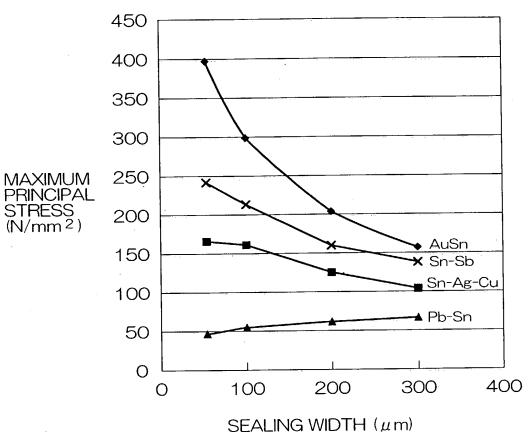
Hogan & Hartson 81872.0049 Mitsutaka SHIMADA et al. Surface Acoustic Wave Device... EV 325 216 995 US 16 Drawing Sheets; Sheet 2 of 16



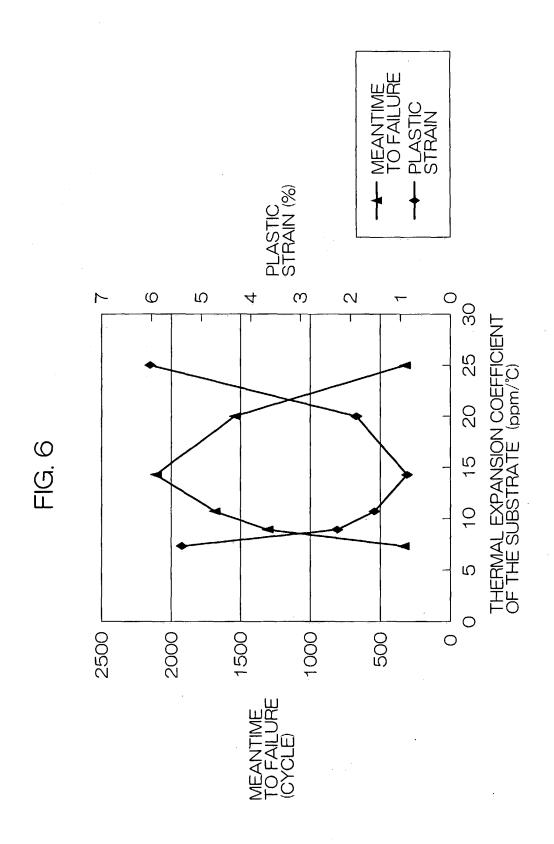
Hogan & Hartson 81872.0049 Mitsutaka SHIMADA et al. Surface Acoustic Wave Device... EV 325 216 995 US 16 Drawing Sheets; Sheet 3 of 16

FIG. 5



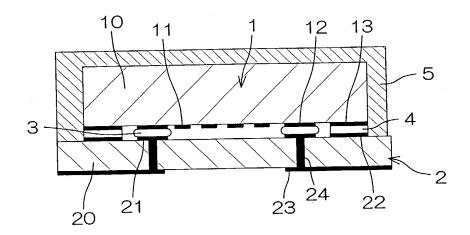


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FIG. 7



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FIG. 8A

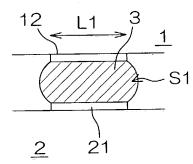


FIG. 8B

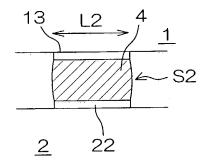


FIG. 8C

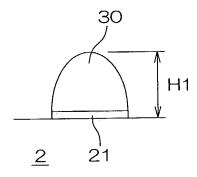
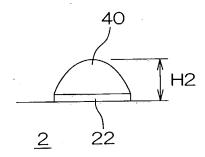
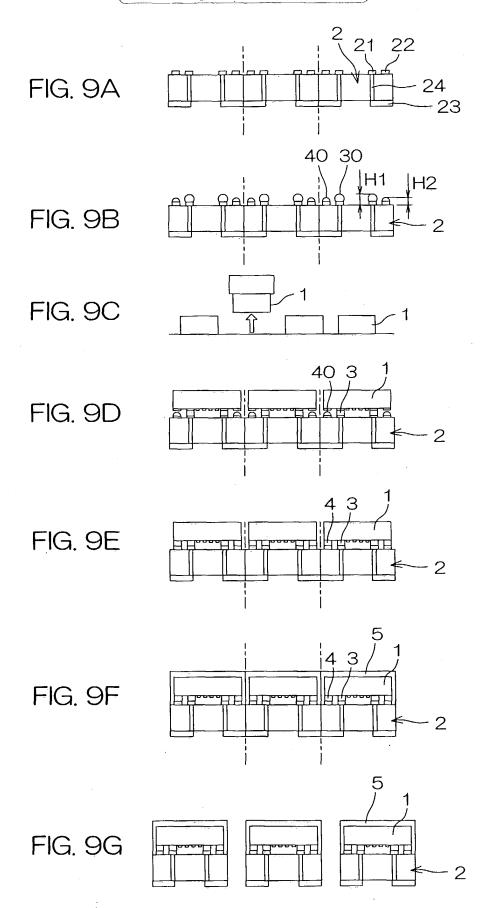


FIG. 8D

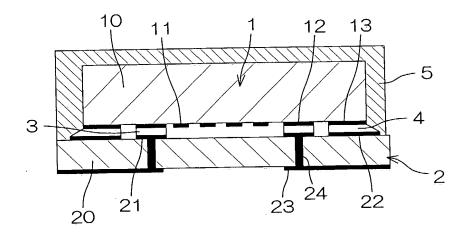


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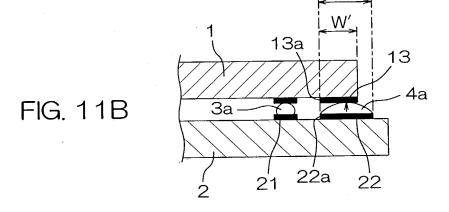
Hogan & Hartson 81872.0049 Mitsutaka SHIMADA et al. Surface Acoustic Wave Device... EV 325 216 995 US 16 Drawing Sheets; Sheet 8 of 16

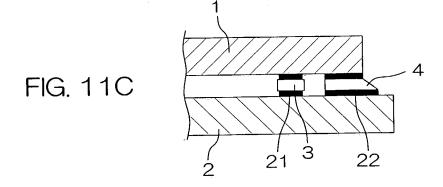
FIG. 10



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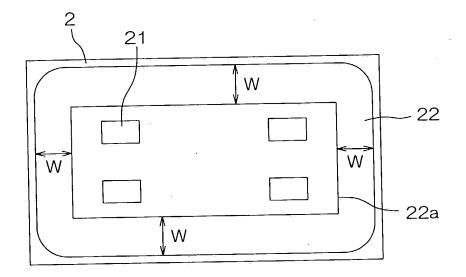
FIG. 11A 3a 4a 21 22





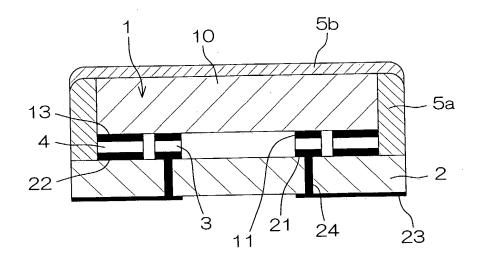
Hogan & Hartson 81872.0049 Mitsutaka SHIMADA et al. Surface Acoustic Wave Device... EV 325 216 995 US 16 Drawing Sheets; Sheet 10 of 16

FIG. 12



Hogan & Hartson 81872.0049 Mitsutaka SHIMADA et al. Surface Acoustic Wave Device... EV 325 216 995 US 16 Drawing Sheets; Sheet 11 of 16

FIG. 13

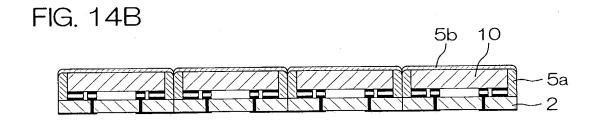


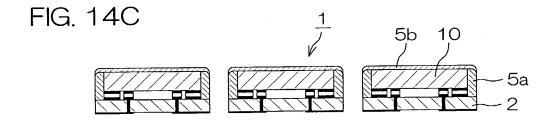
Hogan & Hartson 81872.0049 Mitsutaka SHIMADA et al. Surface Acoustic Wave Device... EV 325 216 995 US 16 Drawing Sheets; Sheet 12 of 16

FIG. 14A

13 11 10

4 3 22 21





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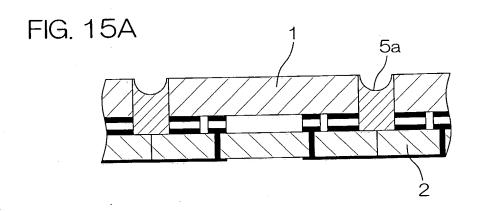
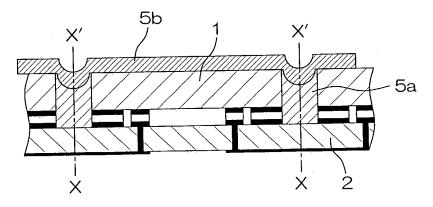


FIG. 15B



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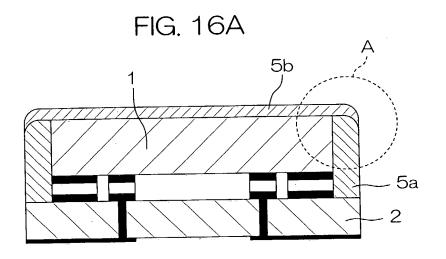
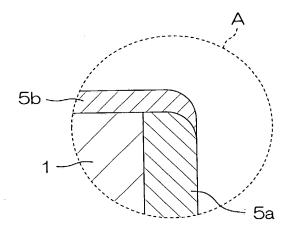
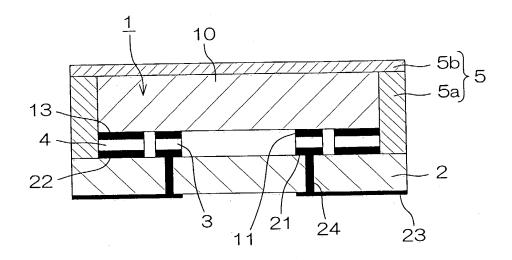


FIG. 16B



Hogan & Hartson 81872.0049 Mitsutaka SHIMADA et al. Surface Acoustic Wave Device... EV 325 216 995 US 16 Drawing Sheets; Sheet 15 of 16

FIG. 17



Hogan & Hartson 81872.0049 Mitsutaka SHIMADA et al. Surface Acoustic Wave Device... EV 325 216 995 US 16 Drawing Sheets; Sheet 16 of 16.

FIG. 18A

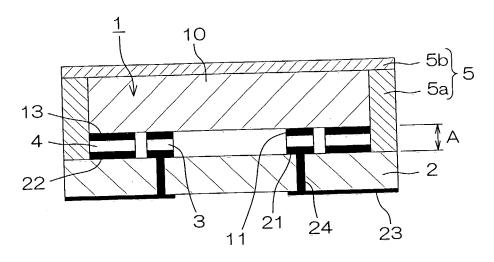


FIG. 18B

